

Converting Colors

XYZ(40.7719, 40.0623, 50.7118)

Have a look what the booklet for
XYZ(40.7719, 40.0623, 50.7118)
contains.

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Color

**XYZ(40.6973, 39.9547,
50.9144)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A5B8
RGB	179, 165, 184
RGB Percent	70%, 65%, 72%
CMY	0.2980, 0.3529, 0.2784
CMYK	0.03, 0.10, 0.00, 0.28
HSL	284°, 12%, 68%
HSV	284°, 10%, 72%
XYZ	40.6973, 39.9547, 50.9144
YIQ	171.3520, 2.2450, 8.8770

Conversions

Conversions Part 2

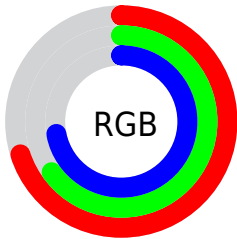
Format	Color
R_{YB}	179, 165, 184
Decimal	11773368
CIE Lab	69.44, 8.60, -7.93
CIE LCh	69, 11.694, 317.306
Yxy	39.9547, 0.3093, 0.3037
Android (android.graphics.Color)	4289963448 (0xFFB3A5B8)
YUV	171.3520, 6.2355, 6.7073
Hunter-Lab	63.2097, 4.3094, -3.5103

Details

The XYZ color **40.6973, 39.9547, 50.9144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5110, 45.5446, 42.2552**, and the grayscale version is **38.8555, 40.8790, 44.5172**.

A 20% lighter version of the original color is **75.5823, 75.1398, 92.9579**, and **18.6060, 17.8846, 23.9442** is the 20% darker color. If you saturate the color by 10%, you get **36.5151, 33.2222, 49.8359**, and if you desaturate by 10%, it is **45.3987, 47.6658, 52.1556**.

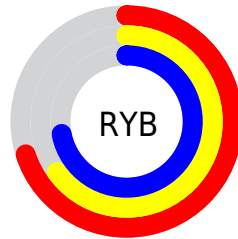
Distribution



Red (70%)

Green (65%)

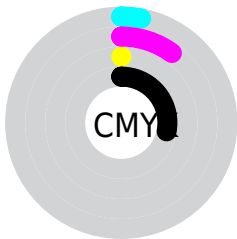
Blue (72%)



Red (70%)

Yellow (65%)

Blue (72%)

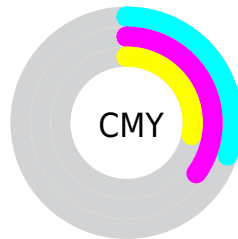


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.6973, 39.9547, 50.9144 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 40.6973, 39.9547, 50.9144 by changing the saturation by 10% instead.

■ 40.6973, 39.9547,
50.9144

■ 40.6973, 39.9547,
50.9144

340.1381,
345.9326, 407.0682

■ 28.2693, 27.5032,
35.7642

■ 75.5018, 75.0945,
92.9384

■ 18.6702, 17.9515,
23.9639

■ 98.6089, 98.5517,
120.6494

■ 11.5348, 10.9152,
15.0949

126.0065,
126.4462, 153.3843

■ 6.4977, 6.0098,
8.7387

158.0599,
159.1624, 191.5618

■ 3.1935, 2.8511,
4.4766

195.1344,
197.0848, 235.6004

■ 1.2569, 1.0545,
1.8903

237.5953,

■ 0.1506, 0.0000,

240.5976, 285.9187

0.4865

285.8081,
290.0855, 342.9351

■ 0.0000, 0.0000,
0.0000

■ 40.6973, 39.9547,
50.9144

■ 40.6973, 39.9547,
50.9144

■ 36.5151, 33.2222,
49.8359

■ 45.3987, 47.6658,
52.1556

■ 32.8278, 27.4224,
48.9108

■ 50.6351, 56.3889,
53.5633

■ 29.6145, 22.5134,
48.1326

■ 56.4262, 66.1617,
55.1445

■ 26.8511, 18.4478,
47.4935

■ 62.7895, 77.0188,
56.9047

■ 24.5117, 15.1740,
46.9849

■ 69.0988, 87.7073,
58.6353

■ 22.5671, 12.6345,
46.5972

■ 70.4402, 88.3988,
58.6980

■ 20.9842, 10.7640,
46.3196

■ 71.8232, 89.1118,
58.7628

■ 19.7242, 9.4852,
46.1392

■ 73.2481, 89.8464,
58.8295

■ 18.7364, 8.6595,
46.0319

■ 74.7153, 90.6028,
58.8981

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.0622, 39.9547, 54.1645



40.6973, 39.9547, 50.9144



41.6155, 39.9547, 45.8205

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



40.6973, 39.9547, 50.9144



38.7763, 39.9547, 34.1587



34.6254, 39.9547, 46.6594

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



40.6973, 39.9547, 50.9144



40.5110, 45.5446, 42.2552

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



34.5546, 39.9547, 41.2667



40.6973, 39.9547, 50.9144



36.9097, 39.9547, 34.3428

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



40.6973, 39.9547, 50.9144



40.4821, 39.9547, 36.3244



35.3783, 39.9547, 36.8497



35.5751, 39.9547, 51.5721

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



40.6973, 39.9547, 50.9144



41.6783, 39.9547, 42.1995



35.3783, 39.9547, 36.8497



34.4992, 39.9547, 44.8349

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



40.6985, 39.9564, 50.9153



79.8790, 82.4175, 93.9027



38.5576, 40.2362, 51.0821



17.0696, 17.5195, 20.2036



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.6985, 39.9564, 50.9153



72.2829, 70.0077, 91.9077



41.4176, 40.3800, 48.5610



9.1441, 9.0406, 11.3425



12.9821, 6.0037, 31.7277



0.5125, 0.2399, 1.1210

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.4794, 40.0047, 43.6203



71.8330, 70.1180, 76.4256



39.8612, 45.1622, 44.3678



9.0991, 9.0500, 9.8691



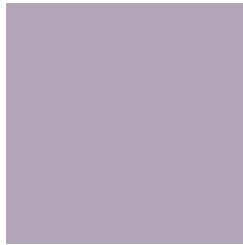
14.0225, 7.1828, 2.7395



0.5207, 0.2638, 0.2355

Previews

White Background



This preview shows how the XYZ color 40.6973, 39.9547, 50.9144 looks on a white background.

Color Contrast Check

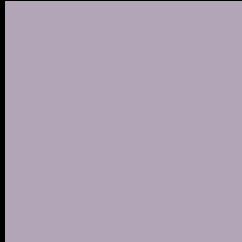
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 40.6973, 39.9547, 50.9144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

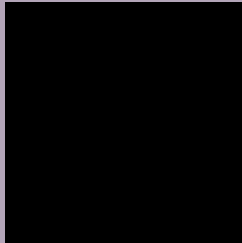
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.6973, 39.9547, 50.9144

Background



This preview shows how black text looks on a background with the XYZ color 40.6973, 39.9547, 50.9144.



This preview shows how white text looks on a background with the XYZ color 40.6973, 39.9547,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

40.6973, 39.9547, 50.9144

Protanopia

39.0140, 39.8753, 52.0948

Deuteranopia

40.6973, 39.9547, 50.9144



Tritanopia

40.1330, 39.9921, 48.2518

Trichromacy



Original Color

40.6973, 39.9547, 50.9144

Protanomaly

39.5889, 39.9109, 51.5159

Deuteranomaly

40.6973, 39.9547, 50.9144

Tritanomaly

40.3368, 40.0736, 49.3251

Monochromacy



Original Color

40.6973, 39.9547, 50.9144

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.4800, 40.5092, 46.8125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6973, 39.9547, 50.9144 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 165, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 165, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 165, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 165, 184) }
```

Border

The CSS property to change the border of an element to XYZ 40.6973, 39.9547, 50.9144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 165, 184) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 165, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 165, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 165, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 165, 184);  
box-shadow:4px 4px 4px 4px rgb(179, 165,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6973, 39.9547, 50.9144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 165, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
165, 184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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